

Title (en)  
METHOD AND SYSTEM FOR COMMUNICATION IN A WIRELESS NETWORK

Title (de)  
METHODE UND SYSTEM ZUR KOMMUNIKATION IN EINEM DRAHTLOSEN NETZWERK

Title (fr)  
PROCÉDÉ ET SYSTÈME DE COMMUNICATION DANS UN RÉSEAU SANS FIL

Publication  
**EP 2386149 B1 20160720 (EN)**

Application  
**EP 10702907 A 20100105**

Priority  
• IB 2010050016 W 20100105  
• EP 09305010 A 20090107  
• EP 10702907 A 20100105

Abstract (en)  
[origin: WO2010079438A1] The invention relates to a method for communication between nodes in a wireless network further comprising a router node (2), comprising : a first (1) and second (3) transmitting nodes sending a first (a(t)) and second (b(t)) data signals to be respectively transmitted to a first (4) and second (5) receiving nodes, - the router node (2) receiving a mixed signal (MDATA[a,b](t)) resulting from interference of the first (a(t)) and second (b(t)) data signals, and sending respectively to the first (4) and second (5) receiving nodes a first and second router analog acknowledgment signals comprising information representative of the hearing duration during which the mixed signal has been received by the router node, - the router node (2) sending the mixed signal(MDATA[a,b](t)) to the first (4) and the second (5) receiving nodes, the first (4) and second (5) receiving nodes decoding the mixed signal, based on the respective router analog acknowledgment signals. The invention also relates to a communication device and a network therefor.

IPC 8 full level  
**H04B 7/155** (2006.01); **H04L 1/16** (2006.01)

CPC (source: EP KR US)  
**H04B 1/7115** (2013.01 - KR); **H04B 7/15521** (2013.01 - EP US); **H04B 7/24** (2013.01 - KR); **H04L 1/16** (2013.01 - KR); **H04L 1/18** (2013.01 - EP US); **H04W 84/08** (2013.01 - KR); **H04L 2001/0097** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2010079438 A1 20100715**; CN 102273102 A 20111207; CN 102273102 B 20160330; EP 2386149 A1 20111116; EP 2386149 B1 20160720; JP 2012514885 A 20120628; JP 5579743 B2 20140827; KR 101594556 B1 20160218; KR 20110104087 A 20110921; US 2011268099 A1 20111103; US 9432146 B2 20160830

DOCDB simple family (application)  
**IB 2010050016 W 20100105**; CN 201080004112 A 20100105; EP 10702907 A 20100105; JP 2011544112 A 20100105; KR 20117018202 A 20100105; US 201013143436 A 20100105